

# INTERNATIONAL SEARCH REPORT

Internat. Application No  
PCT/US 03/28938

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B29C70/52

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 116 450 A (DODD BILL W ET AL) 26 May 1992 (1992-05-26)	1-4,7-9
A	column 1, line 65 -column 2, line 1 column 3, line 27 - line 29 column 4, line 50 -column 5, line 7 column 6, line 50 -column 7, line 23 column 8, line 45 - line 52; figures 2,3,6	6
A	US 2002/056508 A1 (BRANDSTROM RANDEL) 16 May 2002 (2002-05-16) paragraph '0090!; figures 6,7	1,7
A	GB 780 677 A (H I THOMPSON FIBER GLASS CO) 7 August 1957 (1957-08-07) page 7, line 35 - line 63; figure 25	1
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

8 December 2003

Date of mailing of the International search report

17/12/2003

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**INTERNATIONAL SEARCH REPORT**Intern: Application No  
PCT/US 03/28938**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 540 797 A (WILSON MAYWOOD L) 30 July 1996 (1996-07-30) column 4, line 49 - line 50; figures 3,7 -----	1

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US 2002056508	A1	16-05-2002	WO CA AU WO	03047846 A2 2437934 A1 5019601 A 0176853 A2		12-06-2003 12-06-2003 23-10-2001 18-10-2001
GB 780677	A	07-08-1957	NONE			
US 5540797	A	30-07-1996	AU AU CA DE EP JP JP WO	691104 B2 5187496 A 2215961 A1 69622999 D1 0814950 A1 3273044 B2 11502789 T 9630196 A1		07-05-1998 16-10-1996 03-10-1996 19-09-2002 07-01-1998 08-04-2002 09-03-1999 03-10-1996